

Listing of the Claims

1. (cancelled)
2. (cancelled)
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9. (previously presented) A three-side trimmer, comprising:

a receiving station for receiving booklets that are stacked into a bundle;

an alignment station for adjusting each booklet of the booklet bundle in a vertical direction;

an alignment means arranged in the alignment station for aligning at least one of a top edge and a bottom edge of the booklets along with a fore edge of the booklets;

a conveying means for holding the booklet bundle in the vertical direction and conveying the booklet bundle from the receiving station to the alignment station;

a cutting station for cutting the top edge, the bottom edge and the fore edge of the booklet bundle;

a cutting table arranged in the cutting station for supporting the booklet bundle thereon;

a top edge cutting knife arranged in the cutting station for upwardly and downwardly movement so as to cut the top edge of the booklet bundle;

a bottom edge cutting knife arranged in the cutting station parallel to the top edge cutting knife for upwardly and downwardly movement so as to cut the bottom edge of the booklet bundle;

a fore edge cutting knife arranged in the cutting station perpendicular to the top edge cutting knife and the bottom edge cutting knife for upwardly and downwardly movement so as to cut the fore edge of the booklet bundle;

a pressing plate arranged in the cutting station for upwardly and downwardly movement between a waiting position, which is positioned over the booklet bundle, and a working position where the pressing plate presses the booklet bundle to the cutting table;

a first drive mechanism for upwardly and downwardly moving the pressing plate;

a chuck mechanism for holding the booklet bundle in the vertical direction, and conveying the booklet bundle from the alignment station to the cutting station, the chuck mechanism comprising:

a fixed block for supporting a bottom surface of the booklet bundle;

a movable block upwardly and downwardly movable relative to the fixed block; and

a second driving mechanism capable of driving the movable block between a waiting position, which is positioned over the booklet bundle, and a working position wherein the movable block pinches the booklet bundle in cooperation with the fixed block, characterized in that the three-side trimmer comprises a means for measuring a height of the booklet bundle when the booklet bundle is held by the conveying means; and

a means for control in a controlling relationship with the first driving mechanism and the second driving mechanism the means for control capable of adjusting both the waiting position of the pressing plate and the waiting position of the movable block of the chuck mechanism correspondingly with the height of

the booklet bundle according to a value measured by the means for measuring before the pressing plate and the movable block of the chuck mechanism initiate a next operation such that the booklet bundle can be trimmed faster.

10. (previously presented) The three-side trimmer of claim 9 wherein the number of the booklets to be cut is counted according to the value measured by the means for measuring along with a thickness of each booklet in the booklet bundle

11. (previously presented) The three-side trimmer of claim 9 further comprising:

- a receiving station for receiving the booklet bundle;
- a conveying means for holding and conveying the booklet bundle from the receiving station to the alignment station; and
- a second measuring means for measuring a second height of the booklet bundle while the conveying means holds the booklet bundle.

12. (previously presented) The three-side trimmer of claim 11 wherein the chuck mechanism comprises:

- a fixed block for supporting a bottom surface of the booklet bundle;
- a moving block movable with respect to the fixed block; and
- a second driving means for moving the moving block between a second waiting position positioned over the booklet bundle and a second working position where the moving block pinches the booklet bundle in cooperation with the fixed block.

13. (previously presented) The three-side trimmer of claim 12 wherein the control means controls movement of the second

driving means moving the moving block between the second waiting position and the second working position.

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